INTERNATIONAL SEARCH REPORT

International application No.

		PCT/US04/289	908
A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : H04H 1/04; H04J 1/00			
US CL : 370/487			
According to	International Patent Classification (IPC) or to both nat	ional classification and IPC	
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
U.S.: 370/487, 485, 486, 522, 389, 392, 395.3, 474, 475			
0.0570, 107, 403, 404, 522, 395.3, 474, 475			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
i de la companya de			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
EAST			
·			
	JMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where ap	ppropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0012353 A1 (GERSZBERG et al) 31 Janua	ry 2002 (31.01.2002), see entire	1-28
	document.		
A	US 2002/0001316 A1 (HORNSBY et al) 03 January 2002 (03.01.2002), see entire 1-28		
	document.		1
A	US 2001/0033585 A1 (LAZARUS et al) 25 October 2001 (25.10.2001), see entire		1-28
	document.		
			1
		•	
			1
••			ľ
			1
]
)
		•	<u> </u>
			
Further	documents are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents: "T" later document published after the international filing date or priority			
aproving an agree of a sing departments.		date and not in conflict with the application but cited to understand the	
"A" document defining the general state of the art which is not considered to be of principle or theory underlying the invention particular relevance			invention
-		"X" document of particular relevance;	the claimed invention cannot be
"E" earlier app	plication or patent published on or after the international filing date	considered novel or cannot be cor	sidered to involve an inventive step
"L" document which may throw doubts on priority claim(s) or which is cited to		when the document is taken alone	•
establish (the publication date of another citation or other special reason (as	"Y" document of particular relevance;	
specified)			step when the document is combined
"O" document referring to an oral disclosure, use, exhibition or other means		with one or more other such docu obvious to a person skilled in the	
"P" document	multiplied union to the intermediated Standard but because the	40.D 4	A.B. 7
"P" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed			
· ·			
Date of the actual completion of the international search		Date of mailing of the integrational s	CARCIN SHOTE
04 August 2005 (04.08.2005)		Date of mailing of the integrational s	
Mail Stop PCT Attn: ISA/IIS			<i> </i>
Commissioner for Patents		Authorized officer Brian Nguyen Telephone No. (571) 272-3084	
P.O. Box 1450		Telephone No. (571) 272-3084	<i>[</i> *
	andria, Virginia 22313-1450 . (703) 305-3230		

Form PCT/ISA/210 (second sheet) (January 2004)